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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/990,586

DATE: 07/30/2002

TIME: 16:17:57

Input Set : A:\7146cip2.app

Output Set: N:\CRF3\07302002\I990586.raw

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4 <110> APPLICANT: JIAO, JIN-AN
5   WONG, HING C.
7 <120> TITLE OF INVENTION: ANTIBODIES FOR INHIBITING BLOOD COAGULATION AND METHODS
8   OF USE THEREOF
10 <130> FILE REFERENCE: 71758/46943-CIP2
12 <140> CURRENT APPLICATION NUMBER: 09/990,586
13 <141> CURRENT FILING DATE: 2001-11-21
15 <150> PRIOR APPLICATION NUMBER: 09/293,854
16 <151> PRIOR FILING DATE: 1999-04-16
18 <160> NUMBER OF SEQ ID NOS: 102
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 321
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
28 <221> NAME/KEY: CDS
29 <222> LOCATION: (1)..(321)
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32 gac att cag atg acc cag tct cct gcc tcc cag tct gca tct ctg gga      48
33 Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Gln Ser Ala Ser Leu Gly
34   1           5           10           15
36 gaa agt gtc acc atc aca tgc ctg gca agt cag acc att gat aca tgg      96
37 Glu Ser Val Thr Ile Thr Cys Leu Ala Ser Gln Thr Ile Asp Thr Trp
38   20           25           30
40 tta gca tgg tat cag cag aaa cca ggg aaa tct cct cag ctc ctg att     144
41 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ser Pro Gln Leu Leu Ile
42   35           40           45
44 tat gct gcc acc aac ttg gca gat ggg gtc cca tca agg ttc agt ggc     192
45 Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe Ser Gly
46   50           55           60
48 agt gga tct ggc aca aaa ttt tct ttc aag atc agc agc cta cag gct     240
49 Ser Gly Ser Gly Thr Lys Phe Ser Phe Lys Ile Ser Ser Leu Gln Ala
50   65           70           75           80
52 gaa gat ttt gta aat tat tac tgt caa caa gtt tac agt tct cca ttc     288
53 Glu Asp Phe Val Asn Tyr Tyr Cys Gln Gln Val Tyr Ser Ser Pro Phe
54   85           90           95
56 acg ttc ggt gct ggg acc aag ctg gag ctg aaa                        321
57 Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys
58   100          105
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 107
63 <212> TYPE: PRT

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64 &lt;213&gt; ORGANISM: Homo sapiens

66 &lt;400&gt; SEQUENCE: 2

67 Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Gln Ser Ala Ser Leu Gly

68 1 5 10 15

70 Glu Ser Val Thr Ile Thr Cys Leu Ala Ser Gln Thr Ile Asp Thr Trp

71 20 25 30

73 Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ser Pro Gln Leu Leu Ile

74 35 40 45

76 Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser Arg Phe Ser Gly

77 50 55 60

79 Ser Gly Ser Gly Thr Lys Phe Ser Phe Lys Ile Ser Ser Leu Gln Ala

80 65 70 75 80

82 Glu Asp Phe Val Asn Tyr Tyr Cys Gln Gln Val Tyr Ser Ser Pro Phe

83 85 90 95

85 Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys

86 100 105

90 &lt;210&gt; SEQ ID NO: 3

91 &lt;211&gt; LENGTH: 351

92 &lt;212&gt; TYPE: DNA

93 &lt;213&gt; ORGANISM: Homo sapiens

95 &lt;220&gt; FEATURE:

96 &lt;221&gt; NAME/KEY: CDS

97 &lt;222&gt; LOCATION: (1)..(351)

99 &lt;400&gt; SEQUENCE: 3

100 gag atc cag ctg cag cag tct gga cct gag ctg gtg aag cct ggg gct 48

101 Glu Ile Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly Ala

102 1 5 10 15

104 tca gtg cag gta tcc tgc aag act tct ggt tac tca ttc act gac tac 96

105 Ser Val Gln Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Thr Asp Tyr

106 20 25 30

108 aac gtg tac tgg gtg agg cag agc cat gga aag agc ctt gag tgg att 144

109 Asn Val Tyr Trp Val Arg Gln Ser His Gly Lys Ser Leu Glu Trp Ile

110 35 40 45

112 gga tat att gat cct tac aat ggt att act atc tac gac cag aac ttc 192

113 Gly Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe

114 50 55 60

116 aag ggc aag gcc aca ttg act gtt gac aag tct tcc acc aca gcc ttc 240

117 Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Thr Thr Ala Phe

118 65 70 75 80

120 atg cat ctc aac agc ctg aca tct gac gac tct gca gtt tat ttc tgt 288

121 Met His Leu Asn Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Phe Cys

122 85 90 95

124 gca aga gat gtg act acg gcc ctt gac ttc tgg ggc caa ggc acc act 336

125 Ala Arg Asp Val Thr Thr Ala Leu Asp Phe Trp Gly Gln Gly Thr Thr

126 100 105 110

128 ctc aca gtc tcc tca 351

129 Leu Thr Val Ser Ser

130 115

133 &lt;210&gt; SEQ ID NO: 4

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136 <213> ORGANISM: Homo sapiens
138 <400> SEQUENCE: 4
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140   1           5           10           15
142 Ser Val Gln Val Ser Cys Lys Thr Ser Gly Tyr Ser Phe Thr Asp Tyr
143           20           25           30
145 Asn Val Tyr Trp Val Arg Gln Ser His Gly Lys Ser Leu Glu Trp Ile
146           35           40           45
148 Gly Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe
149           50           55           60
151 Lys Gly Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Thr Thr Ala Phe
152           65           70           75           80
154 Met His Leu Asn Ser Leu Thr Ser Asp Asp Ser Ala Val Tyr Phe Cys
155           85           90           95
157 Ala Arg Asp Val Thr Thr Ala Leu Asp Phe Trp Gly Gln Gly Thr Thr
158           100          105          110
160 Leu Thr Val Ser Ser
161           115
165 <210> SEQ ID NO: 5
166 <211> LENGTH: 7
167 <212> TYPE: PRT
168 <213> ORGANISM: Homo sapiens
170 <400> SEQUENCE: 5
171 Leu Ala Ser Gln Thr Ile Asp
172   1           5
175 <210> SEQ ID NO: 6
176 <211> LENGTH: 7
177 <212> TYPE: PRT
178 <213> ORGANISM: Homo sapiens
180 <400> SEQUENCE: 6
181 Ala Ala Thr Asn Leu Ala Asp
182   1           5
185 <210> SEQ ID NO: 7
186 <211> LENGTH: 9
187 <212> TYPE: PRT
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 7
191 Gln Gln Val Tyr Ser Ser Pro Phe Thr
192   1           5
195 <210> SEQ ID NO: 8
196 <211> LENGTH: 6
197 <212> TYPE: PRT
198 <213> ORGANISM: Homo sapiens
200 <400> SEQUENCE: 8
201 Thr Asp Tyr Asn Val Tyr
202   1           5
205 <210> SEQ ID NO: 9

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206 <211> LENGTH: 17
207 <212> TYPE: PRT
208 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 9
211 Tyr Ile Asp Pro Tyr Asn Gly Ile Thr Ile Tyr Asp Gln Asn Phe Lys
212   1               5               10               15
214 Gly
218 <210> SEQ ID NO: 10
219 <211> LENGTH: 8
220 <212> TYPE: PRT
221 <213> ORGANISM: Homo sapiens
223 <400> SEQUENCE: 10
224 Asp Val Thr Thr Ala Leu Asp Phe
225   1               5
228 <210> SEQ ID NO: 11
229 <211> LENGTH: 21
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 11
234 ctggcaagtc agaccattga t                               21
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238 <211> LENGTH: 21
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 12
243 gctgccacca acttggcaga t                               21
246 <210> SEQ ID NO: 13
247 <211> LENGTH: 28
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 13
252 caacaagttt acagttctcc attcacgt                       28
255 <210> SEQ ID NO: 14
256 <211> LENGTH: 18
257 <212> TYPE: DNA
258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 14
261 actgactaca acgtgtac                                   18
264 <210> SEQ ID NO: 15
265 <211> LENGTH: 51
266 <212> TYPE: DNA
267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 15
270 tatattgatc cttacaatgg tattactatc tacgaccaga acttcaaggg c       51
273 <210> SEQ ID NO: 16
274 <211> LENGTH: 24
275 <212> TYPE: DNA
276 <213> ORGANISM: Homo sapiens
278 <400> SEQUENCE: 16

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279 gatgtgacta cggcccttga cttc                24
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283 <211> LENGTH: 23
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
290 <400> SEQUENCE: 17
291 gcacctccag atgttaactg ctc                23
294 <210> SEQ ID NO: 18
295 <211> LENGTH: 20
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
302 <400> SEQUENCE: 18
303 gaartavccc ttgaccaggc                20
306 <210> SEQ ID NO: 19
307 <211> LENGTH: 35
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
314 <400> SEQUENCE: 19
315 ggaggcggcg gttctgacat tgtgmtgwcm cartc    35
318 <210> SEQ ID NO: 20
319 <211> LENGTH: 45
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
324 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
326 <400> SEQUENCE: 20
327 atttcaggcc cagccggcca tggccgargt ycarctkcar caryc    45
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332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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342 <210> SEQ ID NO: 22
343 <211> LENGTH: 35
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
350 <400> SEQUENCE: 22
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VERIFICATION SUMMARY

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